

**Amendments to the Claims:**

Cancel claims 5-6, without prejudice.

The following listing of claims will replace all prior versions and listings of claims in the application.

1. (currently amended) A technoscope for examining a surface in a confined space, said technoscope comprising:

a shank having a longitudinal axis and a cross section;

~~a pivotable~~ an arm which is pivotably mounted to said shank at a first pivot axis, said ~~pivotable~~ arm being pivotable from a first position, in which ~~the~~ said arm extends in the direction of said longitudinal axis, to a second position, in which ~~the~~ said arm extends transversely to said longitudinal axis; and

a working device ~~arranged on said~~ freely pivotably attached to said ~~pivotable~~ arm at a second pivot axis so that said working device contacts the surface to be examined in a self-adjusting manner, said second pivot axis extending normally of a plane in which said arm is pivotable relative to said shank.

2. (currently amended) A The technoscope ~~as in~~ of claim 1, wherein said arm and said working device can be arranged completely within ~~the~~ said cross section of ~~the~~ said hank.

3. (currently amended) A The technoscope ~~as in~~ of claim 1, wherein said arm has a proximal end which is mounted to said shank and a distal end to which ~~the~~ said working device is freely pivotably attached.

4. (currently amended) A The technoscope ~~as-in~~ of claim 1, wherein said working device is a roughness measuring apparatus.

5.-6. (canceled)

7. (currently amended) A The technoscope ~~as-in~~ of claim 1, wherein said working device has a center of gravity ~~spaced from~~ vertically below said second pivot axis so that said working device automatically aligns in a vertical direction.

8. (currently amended) A The technoscope ~~as-in~~ of claim ~~5~~ 1, wherein said working device has a longitudinal axis which is ~~paralla~~ parallel to the said longitudinal axis of the said shank when the said arm is in the said first position.

9. (currently amended) A The technoscope ~~as-in~~ of claim ~~5~~ 1, wherein said working device has a pair of opposed ends, said second pivot axis being arranged between said ends.

10. (currently amended) A The technoscope ~~as-in~~ of claim 1, further comprising an actuation rod received in said shank for pivoting said arm relative to said shank.

11. (currently amended) A The technoscope ~~as-in~~ of claim 10, further comprising an adjustment wheel for moving said actuation rod axially.

12. (currently amended) A The technoscope ~~as in~~ of claim 1, further comprising optics received in said shank.

13. (currently amended) A The technoscope ~~as in~~ of claim 1, further comprising a guide sleeve which can be fixed in an opening of a space to be examined, said shank being insertable into said guide sleeve.

14. (currently amended) A The technoscope ~~as in~~ of claim 13, wherein said guide sleeve has an external thread.

15. (currently amended) A The technoscope ~~as in~~ of claim 13, wherein said shank can be held in said guide sleeve so that it said shank is displaceable at least one of longitudinally and rotatably with respect to said longitudinal axis.

16. (currently amended) A The technoscope ~~as in~~ of claim 15, further comprising a gauge for reading at least one of penetration depth and angular position of ~~the~~ said shank.

17. (currently amended) A The technoscope ~~as in~~ of claim 1, wherein said arm is flexible.

18. (currently amended) A The technoscope ~~as in~~ of claim ~~18~~ 1, further comprising an additional shank which can be received through said shank, said additional shank being flexible.

19. (currently amended) A The technoscope ~~as in~~ of claim 1, wherein said working device is a measuring device.

20 (currently amended) A The technoscope ~~as in~~ of claim 1, wherein said working device is a machine tool.

21. (new) The technoscope of claim 1, wherein said second pivot axis is fixed parallel to said first pivot axis.